

ABSTRACT OF THE DISCLOSUREMETHOD FOR THE ROUTING OF IP FRAMES BETWEEN THE USERS
OF A VARIABLE GRAPH NETWORK

Disclosed is a ~~virtual router distributed on a carrier network~~ fulfilling a distributed virtual routing function, said carrier network comprising one or more components, each of the components comprising at least two nodes communicating with one another by means of an artery, a node comprising a ~~[[Fax]] an access function and server functions (LES/BUS, LECS, MPS)~~. At least one component of said network comprises the following elements:

- several ~~ELAN_i bridges~~ bridge ELANs, each ~~ELAN_i bridge~~ bridge ELAN being connected to a virtual network ~~VLAN_i VLAN~~,
- at least one transit ELAN, Tx, all access functions of the same component being adjacent through said transit ELAN, and
- at the level of an access function ~~[[Fax]]~~:
 - router LEC means ~~[[Rix]]~~ adapted to ~~connecting~~ connect the access function ~~[[Fax]]~~ to at least one ~~ELAN_i bridge ELAN~~ associated with a ~~VLAN_i VLAN~~,
 - means ~~[[Lx]]~~ for the identification of the ~~VLAN_i VLANs~~ serviced by the access function ~~[[Fax]]~~,
 - means ~~(transit LEC transit)~~ to connect the transit ELAN ~~transit~~ to the access function.

~~Use of a distributed virtual router ATM-type carrier networks and IP data packets.~~

Figure 3.

LAW OFFICES OF
CHRISTENSEN O'CONNOR JOHNSON KINDNESSSM
1420 Fifth Avenue
Suite 2800
Seattle, Washington 98101
206.682.8100